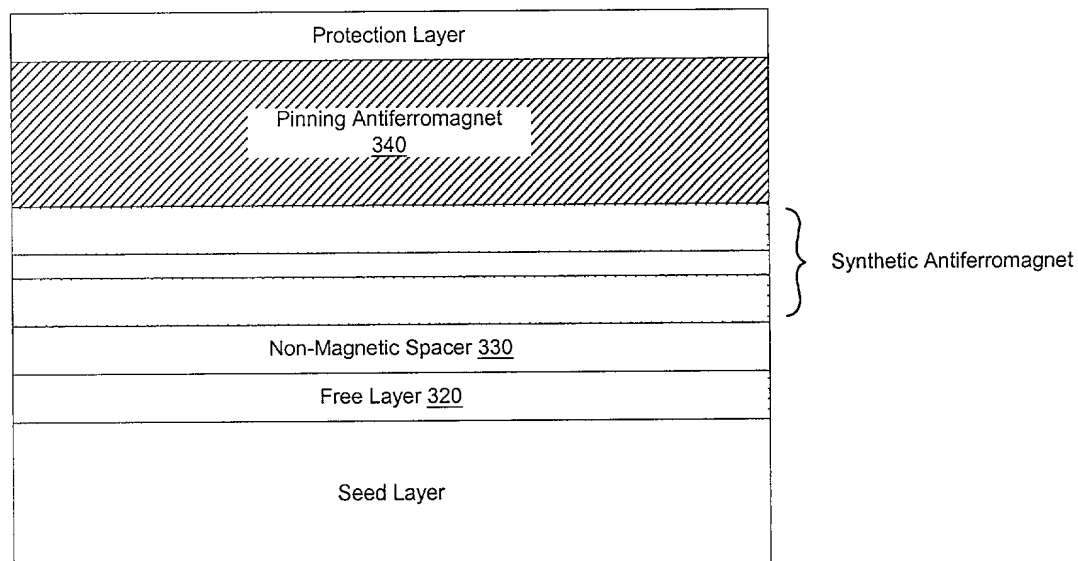


Figure 1

Dee et al.
 2001-019-TAP
 Apparatus and Method of
 Making a Reduced
 Sensitivity Spin Valve
 Sensor Apparatus in which
 a Basic Magnetic
 Sensitivity is Reduced
 Page 1 of 11

Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 3 of 11



Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 3 of 11

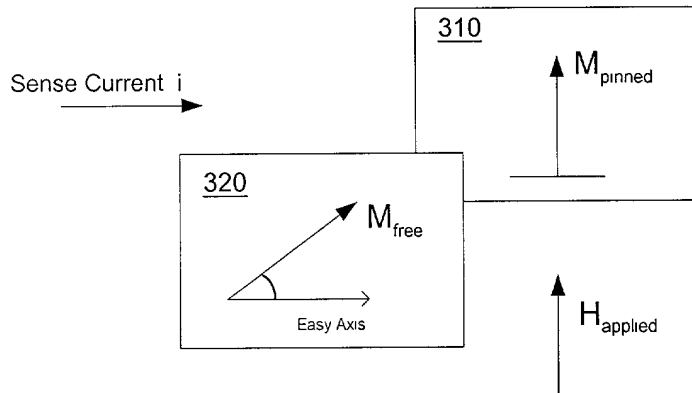


Figure 5A

Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 4 of 11

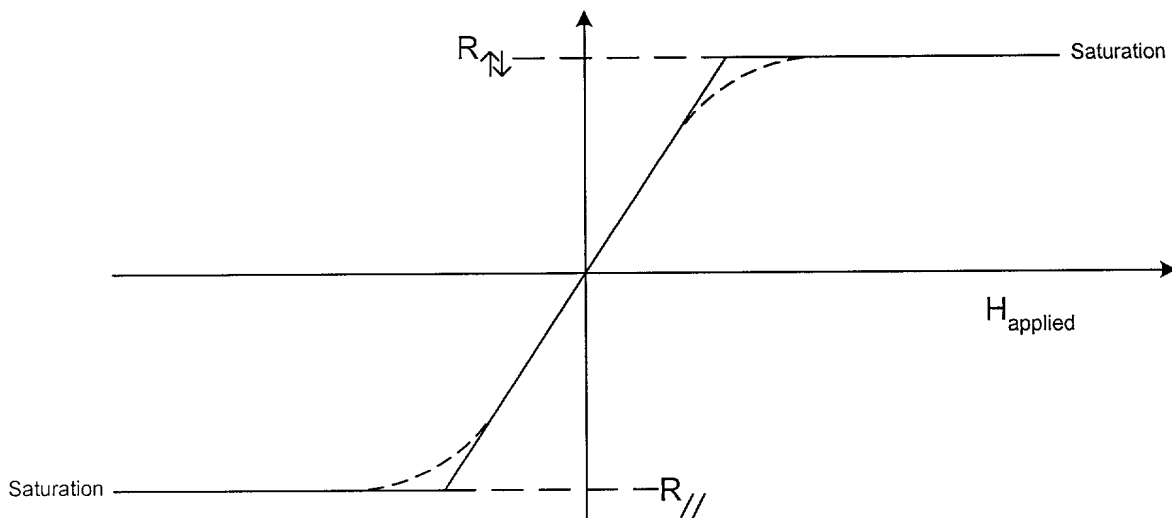


Figure 5B

Dee
2001-Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 4 of 11

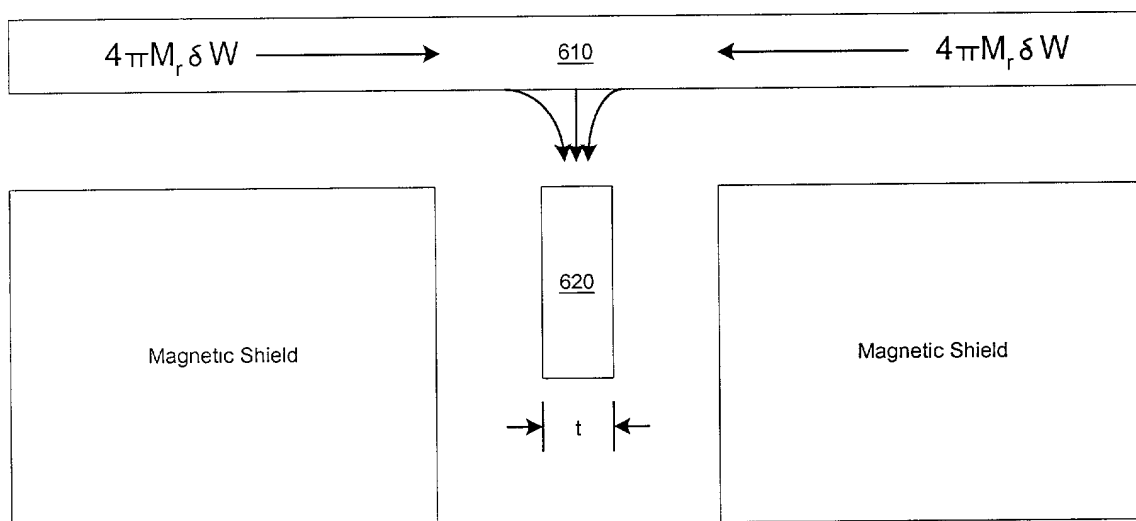


Figure 6

Dee et al.
 2001-019-TAP
 Apparatus and Method of Making a
 Reduced Sensitivity Spin Valve Sensor
 Apparatus in which a Basic Magnetic
 Sensitivity is Reduced
 Page 5 of 11

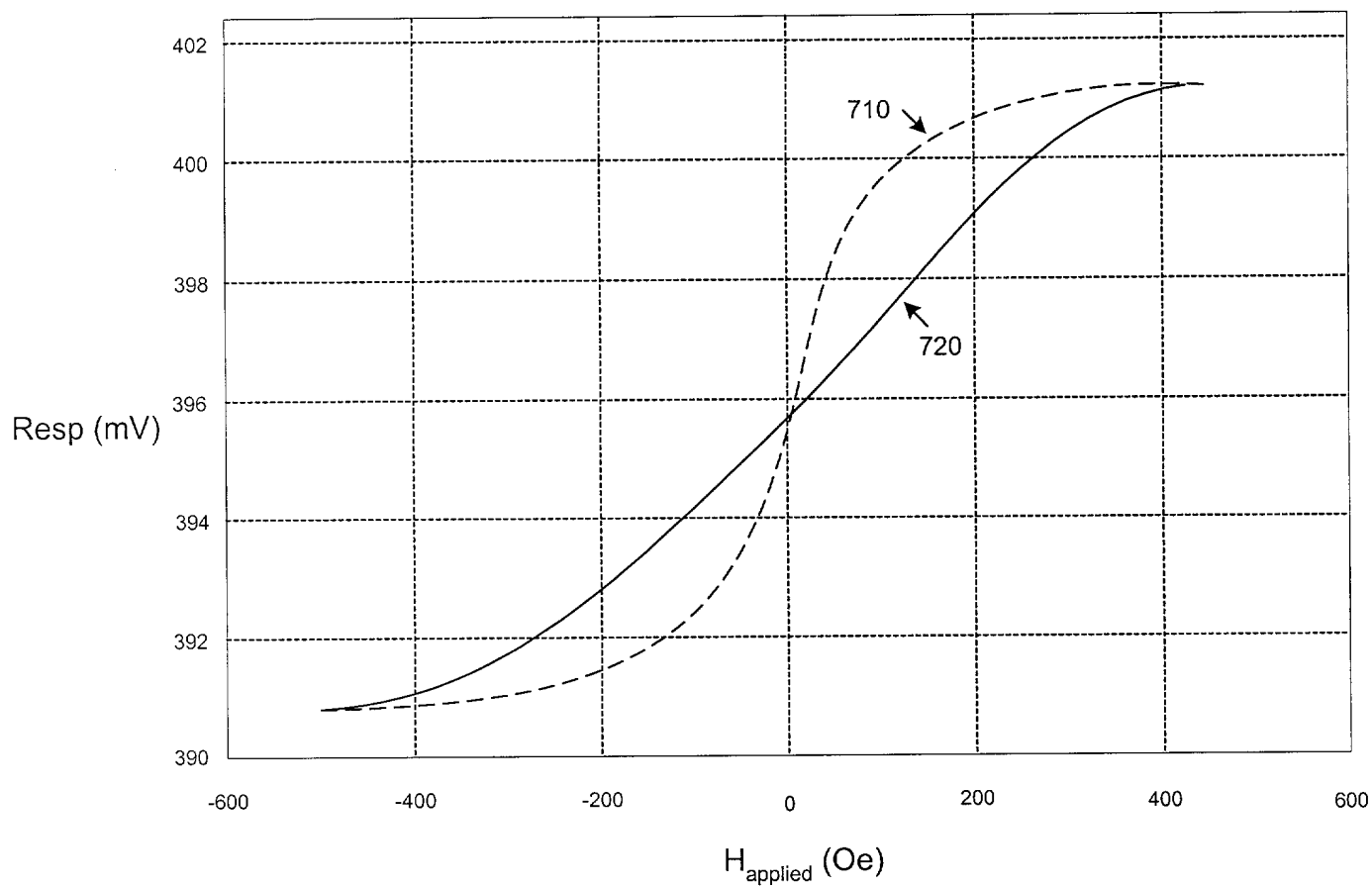


Figure 7

Dee et al.

2001-019-TAP

Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced

Page 6 of 11

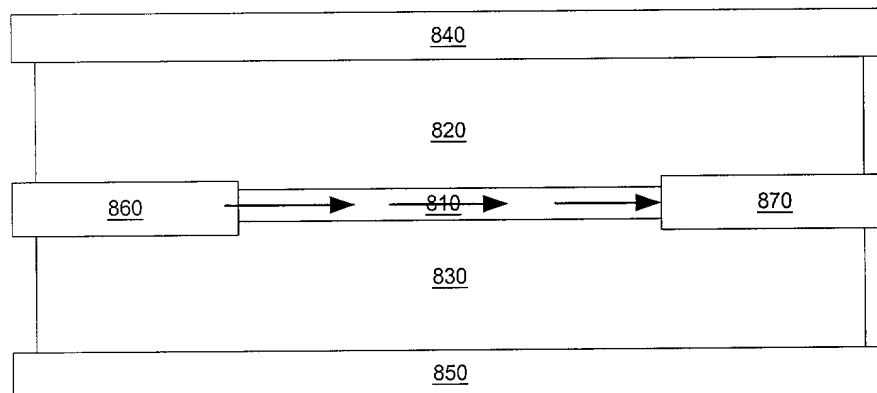


Figure 8

Dee et al.
 2001-019-TAP
 Apparatus and Method of Making a
 Reduced Sensitivity Spin Valve Sensor
 Apparatus in which a Basic Magnetic
 Sensitivity is Reduced
 Page 7 of 11

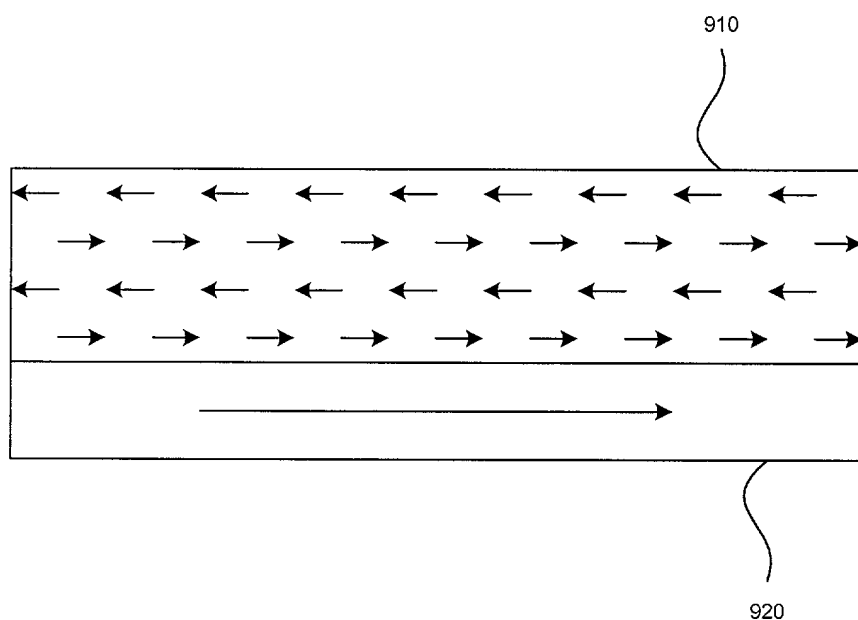


Figure 9A

Dee
2001Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 8 of 11

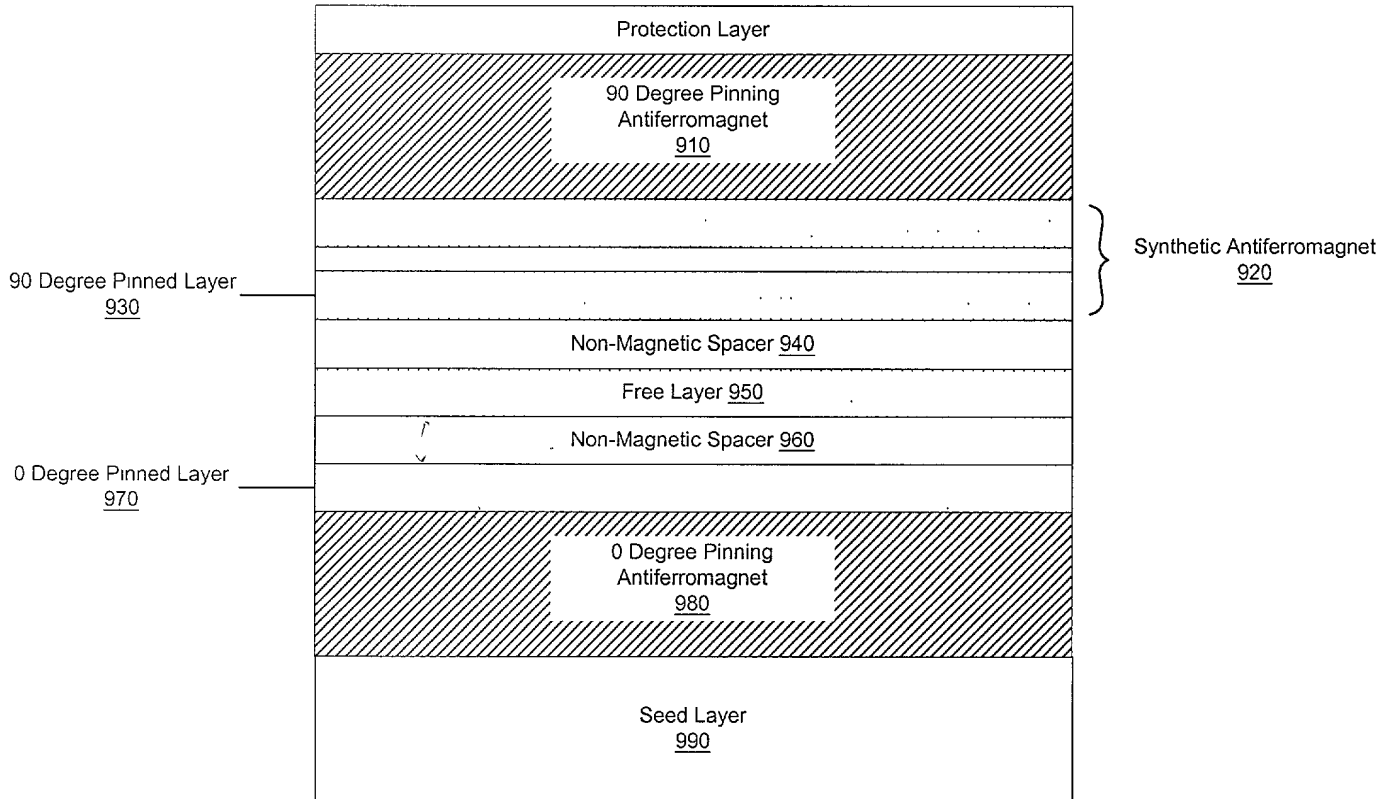


Figure 9B

Dee et al.
 2001-019-TAP
 Apparatus and Method of Making a
 Reduced Sensitivity Spin Valve Sensor
 Apparatus in which a Basic Magnetic
 Sensitivity is Reduced
 Page 9 of 11

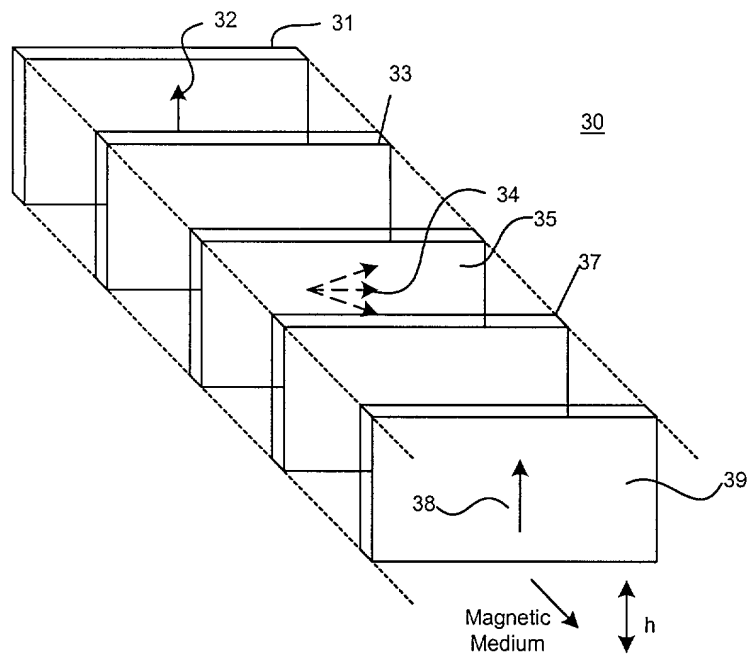


Figure 10A

Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 10 of 11

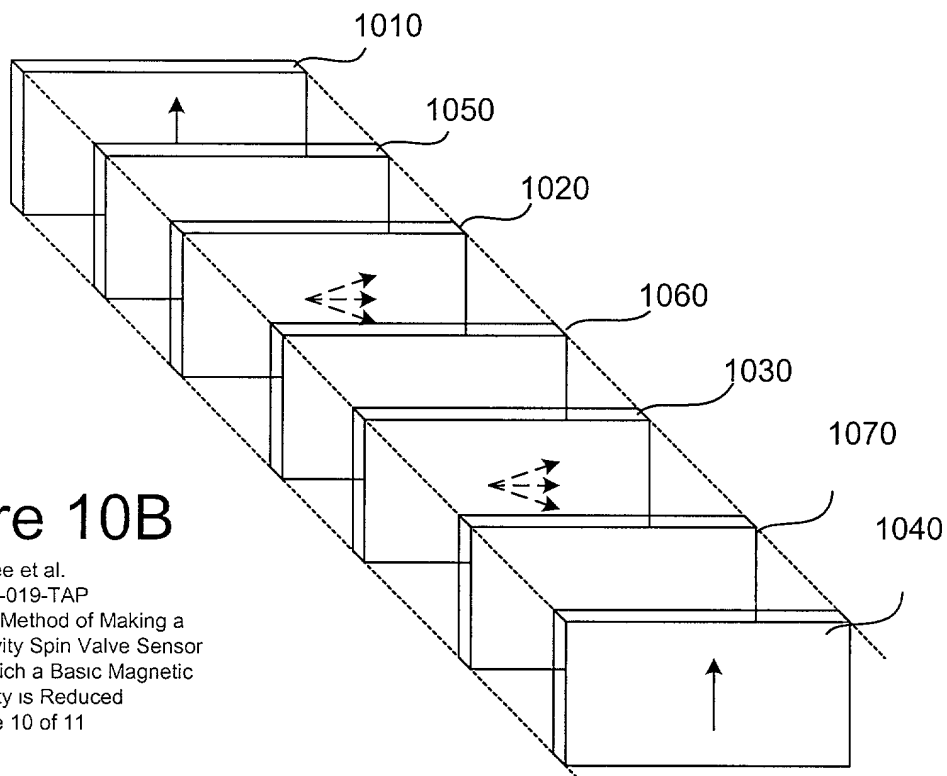


Figure 10B

Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 10 of 11

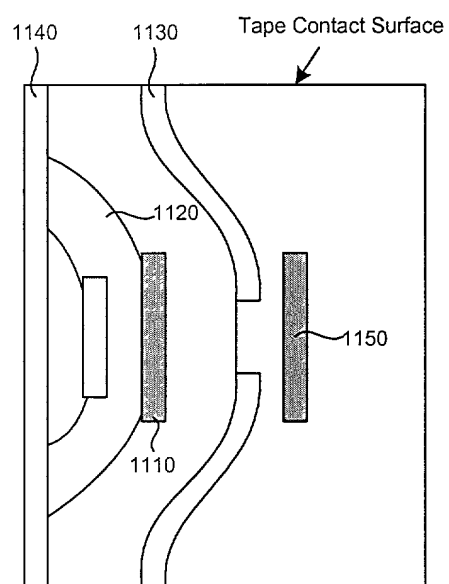


Figure 11

Dee et al.
2001-019-TAP
Apparatus and Method of Making a
Reduced Sensitivity Spin Valve Sensor
Apparatus in which a Basic Magnetic
Sensitivity is Reduced
Page 11 of 11